

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

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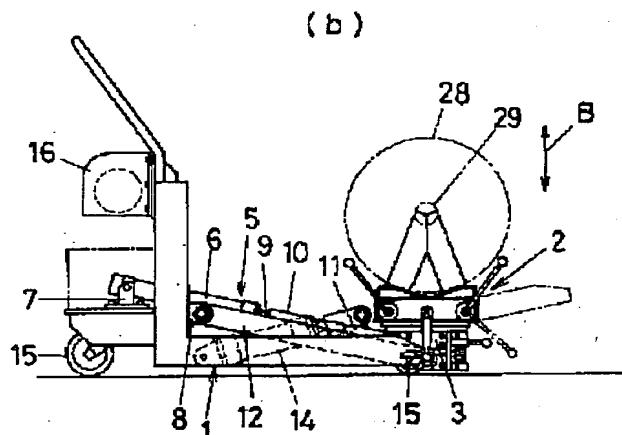
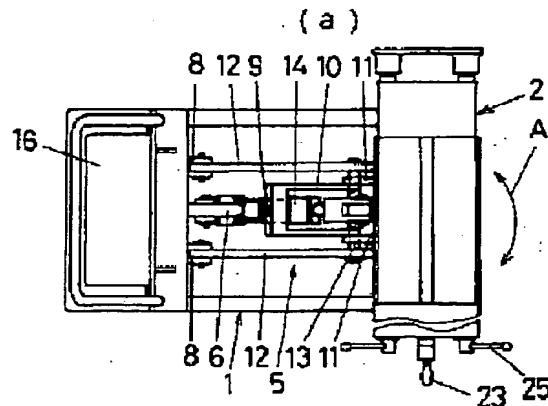
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APPLICANT : HYMEX:KK;

INVENTOR : NAKAJIMA SEIJI;

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 B62B 3/08

TITLE : WINDING WEB CONVEYANCE DEVICE



**ABSTRACT :** PURPOSE: To facilitate winding web handling by installing a web winding receiver on a carrier truck oppositely to the circumferential surface of the winding web in both a liftable and a rotatable manners and also providing a tilting mechanism for tilting the winding web receiver between a horizontal state and perpendicular state.

CONSTITUTION: A winding web 28 of a winder is moved downward and a winding web receiver 2 is set opposite to the winding web 28. The winding web receiver 2 is then made liftable through a hydraulic cylinder 14. Besides, the upper surface of the receiving member of the winding web receiver 2 is recessed and the winding web receiver 2 is made rotatable to the A direction. The winding web 28 in the horizontal state is then tilted and supported by a receiving plate by protruding a piston shaft 9 of a hydraulic cylinder 6. Thus, a large weight winding web 28 can be handled safely.

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【図2】同じく実施例の運搬台車の一部横断面図である。

【図3】同じく実施例の使用状態を説明する図で、(a)は巻取りウエブ受を旋回および上昇させた状態の正面図、(b)は巻取りウエブ受を傾動させて垂直にした状態の正面図である。

【図4】同じく実施例の巻取りウエブ受の平面概略図である。

【図5】同じく実施例の巻取りウエブ受の断面概略図である。

【符号の説明】

- 1 運搬台車
- 2 巾取りウエブ受
- 3 軸受
- 4 軸
- 5 平行四辺形リンク装置

6、14 油圧シリンダー

10 短リンク片

11 腕片

12 長リンク片

13 連結ピン

17 受本体

18 スライド体

19 螺杆

10

ナット

21 上面

22 受部材

23 ハンドル

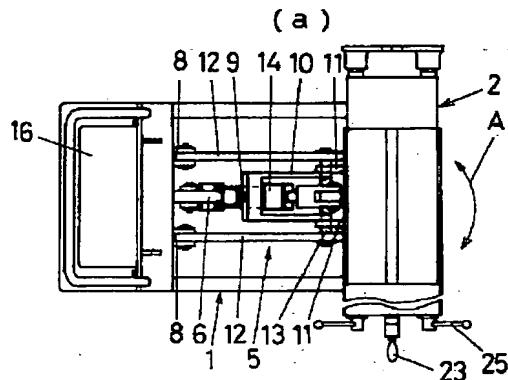
25 回転レバー

26 受け板

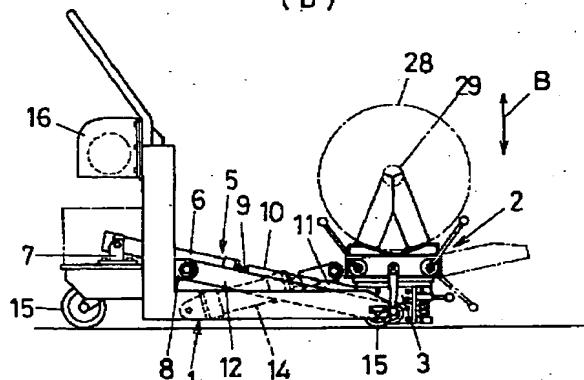
27 接触センサ

28 巾取りウエブ

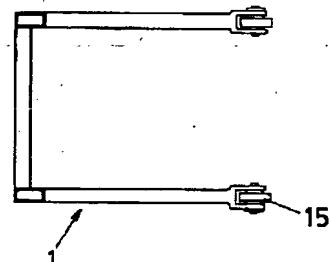
【図1】



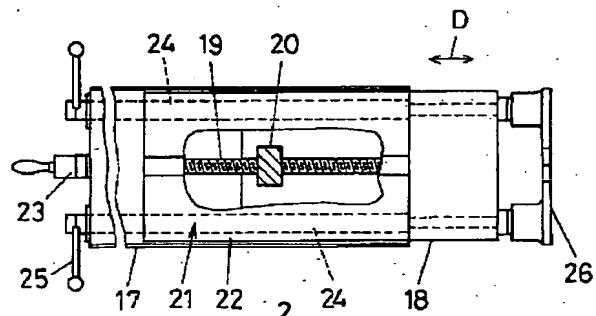
(b)



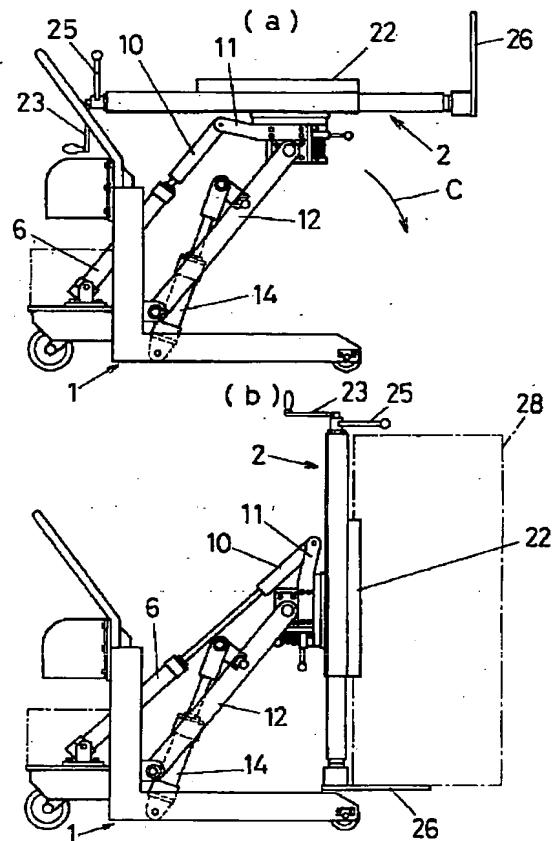
【図2】



【図4】



【図3】



【図5】

